

Docket No.

P07 42719

Declaration For Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

GENETIC MARKER FOR SPONDYLOEPIMETAPHYSEAL DYSPLASIA

the specification of which

(check one)

☐ is attached hereto.

☒ was filed on 09/17/99 as United States Application No. or PCT International Application Number 09/399,212 and was amended on —

(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

<u> </u> (Number)	<u> </u> (Country)	<u> </u> (Day/Month/Year Filed)	<input type="checkbox"/>
<u> </u> (Number)	<u> </u> (Country)	<u> </u> (Day/Month/Year Filed)	<input type="checkbox"/>
<u> </u> (Number)	<u> </u> (Country)	<u> </u> (Day/Month/Year Filed)	<input type="checkbox"/>


I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

(Application Serial No.)	(Filing Date)
(Application Serial No.)	(Filing Date)
(Application Serial No.)	(Filing Date)

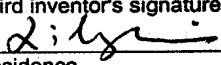
I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, CFR Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

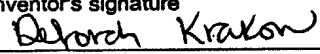
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor DANIEL H. COHN	
Sole or first inventor's signature 	Date 11/17/99
Residence 538 14th STREET, SANTA MONICA, CA 90402	
Citizenship UNITED STATES	
Post Office Address SAME AS ABOVE	

Full name of second inventor, if any MUHAMMAD FAIYAZ-UL-HAQUE	
Second inventor's signature	Date
Residence HOUSE #250, STREET #31, SECTOR 1-8/2, ISLAMABAD, PAKISTAN	
Citizenship PAKISTAN	
Post Office Address SAME AS ABOVE	

Full name of third inventor, if any LILY KING	
Third inventor's signature 	Date 11-17-99
Residence 5766 WEST OLYMPIC BOULEVARD, LOS ANGELES, CA 90036	
Citizenship UNITED STATES	
Post Office Address SAME AS ABOVE	

Full name of fourth inventor, if any DEBORAH KRAKOW	
Fourth inventor's signature 	Date 11/17/99
Residence 10828 WELLWORTH AVENUE, LOS ANGELES, CA 90024	
Citizenship UNITED STATES	
Post Office Address SAME AS ABOVE	

Docket No.

P07 42719

Declaration For Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

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I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

GENETIC MARKER FOR SPONDYLOEPIMETAPHYSEAL DYSPLASIA

the specification of which

(check one)

☐ is attached hereto.

☒ was filed on 09/17/99 as United States Application No. or PCT International

Application Number 09/399,212

and was amended on —

(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

(Number)

(Country)

(Day/Month/Year Filed)

☐

(Number)

(Country)

(Day/Month/Year Filed)

☐

(Number)

(Country)

(Day/Month/Year Filed)

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I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

(Application Serial No.)	(Filing Date)
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I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, CFR Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor DANIEL H. COHN	
Sole or first inventor's signature	Date
Residence 538 14th STREET, SANTA MONICA, CA 90402	
Citizenship UNITED STATES	
Post Office Address SAME AS ABOVE	

Full name of second inventor, if any MUHAMMAD FAIYAZ-UL-HAQUE	
Second inventor's signature <i>M. Faiyaz-ul-Haque</i>	Date 5th November, 1999
Residence HOUSE #250, STREET #31, SECTOR I-8/2, ISLAMABAD, PAKISTAN	
Citizenship PAKISTAN	
Post Office Address SAME AS ABOVE	

Full name of third inventor, if any LILY KING	
Third inventor's signature	Date
Residence 5766 WEST OLYMPIC BOULEVARD, LOS ANGELES, CA 90036	
Citizenship UNITED STATES	
Post Office Address SAME AS ABOVE	

Full name of fourth inventor, if any DEBORAH KRAKOW	
Fourth inventor's signature	Date
Residence 10828 WELLWORTH AVENUE, LOS ANGELES, CA 90024	
Citizenship UNITED STATES	
Post Office Address SAME AS ABOVE	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Daniel H. Cohn, Muhammad Faiyaz ul Haque, Lily M. King, and
Deborah Krakow
Serial No. 09/399,212
Filed: September 17, 1999
For: GENETIC MARKER FOR SPONDYLOEPIMETAPHYSEAL
DYSPLASIA

Examiner: Unassigned
Unit: 1643

**CERTIFICATE UNDER 37 C.F.R. 3.73(b)
ESTABLISHING RIGHT OF ASSIGNEE TO PROSECUTE**

Assistant Commissioner for Patents

Washington, D. C. 20231

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO THE ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, D. C. 20231, ON <u>11/19/99</u>	
BY <u>[Signature]</u>	DATE <u>11/19/99</u>
[Signature] (DATE OF SIGNATURE)	

Sir:

Cedars-Sinai Medical Center

certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of chain of title from the inventor, of the patent application identified above, to the current assignee as shown below:

- From: Daniel H. Cohn, Muhammad Faiyaz ul Haque,
Lily M. King, and Deborah Krakow
To: Cedars-Sinai Medical Center

The document is being filed herewith with the the Patent and Trademark Office. A copy thereof is attached.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 11/17/99
Name: Peter E. Braveman, Esq.

Title: Senior Vice President for Legal Affairs and General Counsel

Signature: [Signature]

CERTIFICATE OF MAILING FIRST CLASS MAIL (37 CFR 1.8)Applicant(s): **Daniel H. Cohn et al.**

Docket No.

P07 42719

Serial No.

09/399,212

Filing Date

09/17/99

Examiner

Not Assigned

Group Art Unit

1643

Invention:

GENETIC MARKER FOR SPONDYLOEPIMETAPHYSEAL DYSPLASIA

I hereby certify that this **Verified Statement (Declaration) Claiming Small Entity Status**
(Identify type of correspondence)

is being deposited with the United States Postal Service as first class mail in an envelope addressed to: The

Assistant Commissioner for Patents, Washington, D.C. 20231 on

11/19/99

(Date)

ANN WEISS

(Typed or Printed Name of Person Mailing Correspondence)


(Signature of Person Mailing Correspondence)

Note: Each paper must have its own certificate of mailing.

Docket No.
P07 42719

Issue Date

—

GENETIC MARKER FOR SPONDYLOEPIMETAPHYSEAL DYSPLASIA

LOS ANGELES, CA 90048-1869

☐ University or other Institute of Higher Education

☒ Tax Exempt under Internal Revenue Service Code (26 U.S.C. 501(a) and 501(c)(3))

☐ Nonprofit Scientific or Educational under Statute of State of The United States of America
Name of State: Citation of Statute:

☐ Would Qualify as Tax Exempt under Internal Revenue Service Code (26 U.S.C. 501(a) and 501(c)(3)) if Located in The United States of America

☐ Would Qualify as Nonprofit Scientific or Educational under Statute of State of The United States of America if Located in The United States of America
Name of State: Citation of Statute:

☐ the specification to be filed herewith.
☒ the application identified above.
☐ the patent identified above.

If the rights held by the above-identified nonprofit organization are not exclusive, each individual, concern or organization having rights to the invention is listed on the next page and no rights to the invention are held by any person, other than the inventor, who could not qualify as an independent inventor under 37 CFR 1.9(c) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

- ☒ no such person, concern or organization exists.
☐ each such person, concern or organization is listed below.

FULL NAME

ADDRESS

☐ Individual ☐ Small Business Concern ☐ Nonprofit Organization

FULL NAME

ADDRESS

☐ Individual ☐ Small Business Concern ☐ Nonprofit Organization

FULL NAME

ADDRESS

☐ Individual ☐ Small Business Concern ☐ Nonprofit Organization

FULL NAME

ADDRESS

☐ Individual ☐ Small Business Concern ☐ Nonprofit Organization

Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING:

PETER E. BRAVEMAN, ESQ.

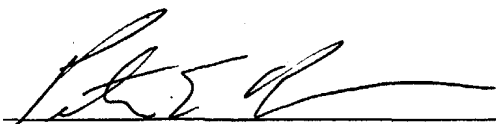
TITLE IN ORGANIZATION:

Senior Vice-President for Legal Affairs and General Counsel

ADDRESS OF PERSON SIGNING:

8700 Beverly Boulevard
Los Angeles, CA 90048-1869

SIGNATURE:




DATE:

11/17/99

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

REVOCATION OF PRIOR POWERS AND NEW POWER OF ATTORNEY

Assistant Commissioner for
Patents
Washington, DC 20231

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8 I hereby certify that this document is being deposited on this date with the U.S. Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231.	
	Date: 5-2-01

Honorable Sir:

Cedars-Sinai Medical Center, having a place of business at 8700 Beverly Boulevard, Suite 2112, Los Angeles, California 90048-1888, and being the owner of the entire right, title and interest to the patent applications identified on the attached list, hereby revokes all previously given powers of attorney for the applications listed on attached sheet, and hereby appoints the following:

Attorney

Registration No.

Edward G. Poplawski
Denise L. McKenzie
Mazan A. Steinberg, Ph.D.

33,438
43,790
40,348

all of whom are members in good standing of a state bar, and are members of the law firm of Sidley Austin Brown & Wood, 555 West Fifth Street, Los Angeles, California 90013-1010 at (213) 896-6000, its representatives with full power of substitution and revocation, to transact all business in the United States Patent and Trademark Office connected therewith.

Effective immediately, please change the correspondence address related to the identified patent applications on the attached sheet:


from: Pretty, Schroeder, et al.
444 South Flower Street
Los Angeles, California 90071

to: Edward G. Poplawski, Esq.
Sidley Austin Brown & Wood
555 West Fifth Street
Los Angeles, California 90013-1010

and direct all future correspondence to the above address; and refer all telephone communications to Edward G. Poplawski at (213) 896-6001.

CEDARS-SINAI MEDICAL CENTER

Dated: May 2, 2001

By: 
Peter E. Braverman
Senior Vice President for Legal Affairs and General
Counsel

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2
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Application No.	Filing Date
09/491,500	1/26/2000
09/615,854	7/14/2000
09/488,191	1/20/2000
09/374,143	8/11/1999
09/374,142	8/11/1999
09/122,876	7/27/1998
09/481,084	1/11/2000
08/894,251	7/23/1999
09/569,956	5/12/2000
09/687,911	10/13/2000
09/730,469	12/4/2000
09/327,138	6/7/1999
09/513,059	2/24/2000
09/530,611	4/28/2000
09/235,710	1/22/1999
09/546,119	4/10/2000
09/420,046	10/18/1999

Application No.	Filing Date
09/299,817	4/26/1999
09/294,737	4/19/1999
09/145,586	9/2/1998
09/500,158	2/8/2000
09/168,349	10/7/1998
09/488,491	1/20/2000
09/545,428	4/7/2000
09/399,212	9/17/1999
09/280,181	3/29/1999
09/347,114	7/2/1999
08/566,313	12/1/1995
09/226,068	1/6/1999
09/191,920	11/13/1998
09/272,443	3/19/1999
09/311,599	5/13/1999
09/570,357	5/12/2000
09/292,723	4/15/1999
09/409,616	9/30/1999
09/307,230	5/7/1999
09/353,004	7/13/1999
09/605,176	6/28/2000
09/581,456	6/12/2000

ASSIGNMENT

WHEREAS, Daniel H. Cohn of Santa Monica, CA, Muhammad Faiyaz ul Haque of Islamabad, Pakistan, Lily M. King of Los Angeles, CA, and Deborah Krakow of Los Angeles, CA., Assignors, have invented a new and useful GENETIC MARKER FOR SPONDYLOEPIMETAPHYSEAL DYSPLASIA for which an application for United States Letters Patent, Serial No. 09/399,212, filed September 17, 1999, was executed by them on or about the same date as this Assignment; and

WHEREAS, Assignors believe themselves to be the original, first and joint inventors of the invention disclosed and claimed in the application for Letters Patent; and

WHEREAS, CEDARS-SINAI MEDICAL CENTER, a California non-profit organization, having a place of business at 8700 Beverly Boulevard, Los Angeles, CA 90048-1869, Assignee, desires to acquire by formal, recordable assignment the entire right, title and interest in and to the invention, the application, and any Letters Patent that might be granted for the invention in the United States and throughout the world;

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) and of other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors hereby sell, assign and transfer to Assignee, the entire right, title and interest in and to the invention, the application, and any Letters Patent that might be granted for the invention in the United States and throughout the world, including the right to file foreign applications directly in the name of Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

Further, Assignors agree that, upon request and without further compensation, but at no expense to Assignor, they and their legal representatives and assigns will perform all lawful acts, including the execution of papers and the giving of testimony, that might be necessary or desirable for obtaining, sustaining, reissuing or enforcing Letters Patent in the United States and throughout the world for the invention, and for perfecting, recording or maintaining the title of Assignee, its successors and assigns, to the invention, the application, and any Letters Patent granted for the invention in the United States and throughout the world.

Assignors represent and warrant that they have not granted and will not grant to others any rights inconsistent with the rights granted by this Assignment.

Assignors authorize and request the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for the invention, whether on the application or on any subsequently filed division, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in the invention.

IN WITNESS WHEREOF, Assignors have executed this Assignment.

Assignors

Date: 11/17/99

Daniel H. Cohn

Date: 11/17/99

David

Date: 11/17/99

Deborah Kravitz

Date: _____

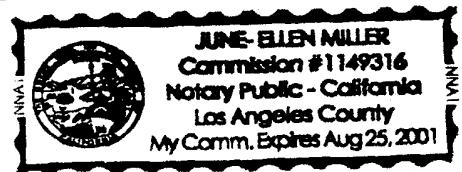
State of California

County of Los Angeles) ss.

On this 17th day of November, in the year of 1999, before me personally appeared **Daniel H. Cohn**, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged to me that he executed it.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year of this certificate first above written.

June-ellen Miller
Notary Public in and for Said
County and State



State of _____)

) ss.

County of _____)

On this _____ day of _____, in the year of 1999, before me personally appeared **Muhammad Faiyaz ul Haque**, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged to me that he executed it.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year of this certificate first above written.

Notary Public in and for Said
County and State

State of California)

) ss.

County of Los Angeles)

On this 17th day of November, in the year of 1999, before me personally appeared **Lily M. King**, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged to me that he executed it.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year of this certificate first above written.

State of California

) ss.

County of Los Angeles

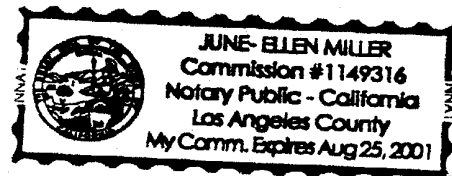
On this 7th day of November, in the year of 1999, before me personally appeared **Deborah Krakow**, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged to me that he executed it.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year of this certificate first above written.

June- Ellen Miller

Notary Public in and for Said

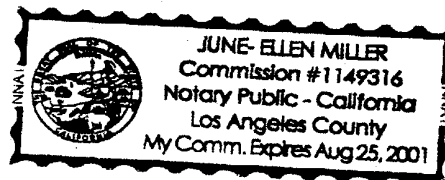
County and State



June- Ellen Miller

Notary Public in and for Said

County and State



ASSIGNMENT

WHEREAS, Daniel H. Cohn of Santa Monica, CA, Muhammad Faiyaz ul Haque of Islamabad, Pakistan, Lily M. King of Los Angeles, CA, and Deborah Krakow of Los Angeles, CA., Assignors, have invented a new and useful GENETIC MARKER FOR SPONDYLOEPIMETAPHYSEAL DYSPLASIA for which an application for United States Letters Patent, Serial No. 09/399,212, filed September 17, 1999, was executed by them on or about the same date as this Assignment; and

WHEREAS, Assignors believe themselves to be the original, first and joint inventors of the invention disclosed and claimed in the application for Letters Patent; and

WHEREAS, CEDARS-SINAI MEDICAL CENTER, a California non-profit organization, having a place of business at 8700 Beverly Boulevard, Los Angeles, CA 90048-1869, Assignee, desires to acquire by formal, recordable assignment the entire right, title and interest in and to the invention, the application, and any Letters Patent that might be granted for the invention in the United States and throughout the world;

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) and of other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors hereby sell, assign and transfer to Assignee, the entire right, title and interest in and to the invention, the application, and any Letters Patent that might be granted for the invention in the United States and throughout the world, including the right to file foreign applications directly in the name of Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

Further, Assignors agree that, upon request and without further compensation, but at no expense to Assignor, they and their legal representatives and assigns will perform all lawful acts, including the execution of papers and the giving of testimony, that might be necessary or desirable for obtaining, sustaining, reissuing or enforcing Letters Patent in the United States and throughout the world for the invention, and for perfecting, recording or maintaining the title of Assignee, its successors and assigns, to the invention, the application, and any Letters Patent granted for the invention in the United States and throughout the world.

Assignors represent and warrant that they have not granted and will not grant to others any rights inconsistent with the rights granted by this Assignment.

Assignors authorize and request the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for the invention, whether on the application or on any subsequently filed division, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in the invention.

IN WITNESS WHEREOF, Assignors have executed this Assignment.

Assignors

Date: 5th November, 1999

N. F. 77-114
7.

Date: _____

Date: _____

Date: _____

State of _____)

) ss.

County of _____)

On this _____ day of _____, in the year of 1999, before me personally appeared **Daniel H. Cohn**, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged to me that he executed it.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year of this certificate first above written.

Notary Public in and for Said
County and State

State of Illinois)

) ss.

County of Cook)

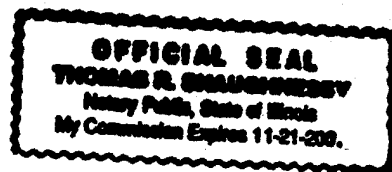
On this 5th day of November, in the year of 1999, before me personally appeared **Muhammad Faiyaz ul Haque**, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged to me that he executed it.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year of this certificate first above written.

Thomas R. Shaughnessy

Notary Public in and for Said

County and State



State of _____)

) ss.

County of _____)

On this _____ day of _____, in the year of 1999, before me personally appeared **Lily M. King**, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged to me that he executed it.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year of this certificate first above written.

56P/5P/148-



1242-042719
UNITED STATES DEPARTMENT OF COMMERCE
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APRIL 18, 2000

PTAS
PRETTY, SCHROEDER & POPLAWSKI, P.C.
EDWARD G. POPLAWSKI, ESQ.
444 SOUTH FLOWER STREET - 19TH FLOOR
LOS ANGELES, CA 90071-2909



101303305A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/26/1999

REEL/FRAME: 010401/0289
NUMBER OF PAGES: 8

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

COHN, DANIEL H.

DOC DATE: 11/17/1999

ASSIGNOR:

HAQUE, MUHAMMAD FAIYAZ UL

DOC DATE: 11/05/1999

ASSIGNOR:

KING, LILY M.

DOC DATE: 11/17/1999

ASSIGNOR:

KRAKOW, DEBORAH

DOC DATE: 11/17/1999

ASSIGNEE:

CEDARS-SINAI MEDICAL CENTER
8700 BEVERLY BOULEVARD
LOS ANGELES, CALIFORNIA 90071-2909

SERIAL NUMBER: 09399212

PATENT NUMBER:

FILING DATE: 09/17/1999

ISSUE DATE:

LENELL MACKALL, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

010401/0289 PAGE 2

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11.26.99

04-17-2000



Docket No.: P07 42719 CEDAR

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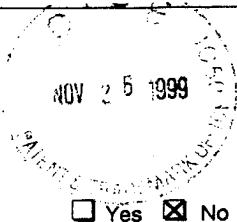
To the Honorable Commissioner of Pat.

101303305

attached original documents or copy thereof.

1. Name of conveying party(ies):

Daniel H. Cohn
Muhammad Faiyaz ul Haque
Lily M. King
Deborah Krakow



Additional names(s) of conveying party(ies)

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Cedars-Sinai Medical Center

Address: 8700 Beverly Boulevard

City: Los Angeles State/Prov.: CA

Country: U.S.A. ZIP: 90071-2909

Additional name(s) & address(es) ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: 11/17/99; 11/5/99

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

Patent Application No. Filing date

09/399,212

09/17/99

B. Patent No.(s)

Additional numbers

☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Edward G. Poplawski, Esq.

Registration No. 33,439

Address: Pretty, Schroeder & Poplawski, P.C.

444 South Figueroa Street - 19th Floor

City: Los Angeles State/Prov.: CA

Country: U.S.A. ZIP: 90071-2909

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☐ Authorized to be charged to deposit account

8. Deposit account number:

16-2460

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Nisan A. Steinberg, Ph.D., Reg. # 40,345

Name of Person Signing

Signature

11/19/99

Date

8

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